Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

cott's New Series of Readers,'' by Eben H. Davis, superintendent of schools, Chelsea, Mass. (complete in four books; the third and fourth readers in press); ''How to Remember History,'' a method of memorizing dates, with a summary of the most important events of the sixteenth, seventeenth, eighteenth, and nineteenth centuries, for the use of schools and private students, by Virginia Conser Shaffer; ''A System of Oral Surgery'' (fifth edition, thoroughly revised, with important additions), being a treatise on the diseases and surgery of the mouth, jaws, face, teeth, and associate parts, by James E. Garretson, surgeon in charge of the Philadelphia Hospital of Oral Surgery, dean of the Philadelphia Dental College, etc.; ''Chambers's Encyclopædia,'' Vol. V. (new edition), edited and published under the auspices of W. & R. Chambers, Edinburgh, and J. B. Lippincott Company, Philadelphia, to be completed in ten volumes; ''Recollections,'' by George W. Childs; and ''Historic Note-Book,'' by the Rev. E. Cobham Brewer, Trinity College, Cambridge, author of ''The Reader's Hand-Book,'' ''Dictionary of Phrase and Fable,'' etc.

LETTERS TO THE EDITOR.

Mock Sun.

THE train leaving Albany for Boston, in surmounting the hills east of the Hudson River, affords the traveller very beautiful views of the wide valley, the river, and a picturesque skyline formed by the bold and broken Helderbergs. On the evening of the 9th this view was enhanced in beauty by a superb sunset, having seemingly the double glory of two suns twenty degrees apart. It was not easy to determine the actual sun, so brilliant were both reality and counterfeit; but the mock sun, like many pretenders, overdid the thing a little, and assumed very gorgeous rainbow effects, that are not seen very near the royal original. It was north of the actual sunset.

The pretender was not, however, the often seen ''sun-dog,'' which is ordinarily a scrap of rainbow color, but it had a luminous centre of golden refulgence, that was worthy of the orb of day; and, when seen by shutting off the sun with a shade, it made a centre of a brilliant sunset, really holding a court of its own.

This most attractive phenomenon, with varying changes, all wonderful, lasted for nearly half an hour, affording, in connection with the remarkable views, a very unusual unison of terrestrial and celestial beauty. The change of our point of view was five or six miles as the train sped on; but the thin clouds upon which the colors were so lavishly embroidered were very far away, not showing perceptible change in position relative to the sun with that movement of the observer.

The same phenomena were simultaneously observed at Cazenovia, one hundred and ten miles due west, but there the sun's rival was seen south of the great luminary.

The next day was clear and fine at Cazenovia, but snowing at Boston, indicating that the frost crystals that masqueraded

Students' Edition, abridged from the larger work.

ABSOLUTE MEASUREMENTS
IN
ELECTRICITY AND MAGNETISM.
By ANDREW GRAY, M.A., F.R.S.E.,
Professor of Physics in the University of North Wales.
16mo, $1.25.

"About a year ago the first volume of what is designed to be a comprehensive treatise on this subject was published by Messrs. Macmillan & Co., under the title of 'The Theory and Practice of Absolute Measurements in Electricity and Magnetism,' and the second volume is now in progress. It has, however, been represented to me that a smaller work would be found useful to students. I have therefore prepared the present volume."—*From the Preface.*

"The present work is well designed for supplying this acknowledged want, and will, we believe, be welcomed by students and teachers."—*Manchester Guardian.*

New Edition, 1889.

ELEMENTARY LESSONS
IN
ELECTRICITY AND MAGNETISM.
By SYLVANUS P. THOMPSON,
Principal and Professor of Physics in the Technical College, Finsbury.
With Illustrations. 16mo, $1.25.

"The best book for its express purpose that I happen to be acquainted with."—Prof. A. V. DOLBEAR, Tufts College.

"The text-book itself is a model of what an elementary work should be. . . . We do not think that any student of moderate intelligence, who reads this work slowly and with care, could fail to understand every word of it, and yet every part of the complex and manifold phenomena of electricity and magnetism is treated of in this small volume."—*Saturday Review.*

MACMILLAN & CO.,
112 Fourth Ave., New York.

Correspondence solicited with parties seeking publishers for scientific books.
N. D. C. HODGES,
Publisher of Science,
47 Lafayette Place,
New York.

Houghton, Mifflin & Co.'s
NEW BOOKS.

American Whist Illustrated.
By G. W. P. With numerous diagrams. Attractively bound in full leather, flexible, with colored edges. 16mo, $1.75.

"American Whist Illustrated" is a digest of "American Whist" and "Whist Universal," with all the amendments, revisions, and changes in play required by the application of recent inventions and improvements in the practice of the American game.

Conversations in a Studio.
By WILLIAM W. STORY, author of "Roba di Roba," etc. 2 vols., 16mo, $2.50.

Two volumes of fresh, thoughtful, informal conversations on a great variety of topics in art, history, society, and literature.

Dr. Muhlenberg.
Vol. III. of American Religious Leaders. By Rev. WILLIAM WILBERFORCE NEWTON. 16mo, gilt top, $1.25.

An interesting account of the life and effective work of a leader in the Episcopal Church, and a saint of the Church Universal.

I. Allen's Jonathan Edwards
II. Prentice's Wilbur Fisk.
$1.25 each.

**** For sale by all Booksellers. Sent by mail, post-paid, on receipt of price by the Publishers,*
HOUGHTON, MIFFLIN & CO., Boston.
11 EAST SEVENTEENTH ST., NEW YORK.

JUST OUT.
Speech Reading and Articulation Teaching.
By A. MELVILLE BELL.
Price, 25 Cents.

Practical Instructions in the Art of Reading Speech from the Mouth; and in the Art of Teaching Articulation to the Deaf.

[This Work—written at the suggestion of Miss Sarah Fuller, Principal of the Horace Mann School for the Deaf, Boston, Mass—is, so far as known, the the first Treatise published on "Speech Reading."]

*** The above work may be obtained, by order, through any bookseller, or post-free on receipt of price, from
N. D. C. HODGES,
47 Lafayette Place, New York.

HEAVEN AND HELL. By EMANUEL SWEDENBORG. 416 pages, paper cover. Mailed pre-paid for 14 Cents in stamps by the American Swedenborg Printing and Publishing Society, 20 Cooper Union, N. Y. City.

Old and Rare Books.

Back numbers Atlantic, Century, Harper, and Scribner, 10 cents per copy, other magazines equally low. Send for a catalogue.
A. S. CLARK,
Bookseller,
34 Park Row, New York City.

BACK NUMBERS and complete sets of leading Magazines. *Rates low.* AM. MAG. EXCHANGE, Schoharie, N.Y.